

**Minutes of the 15<sup>th</sup> meeting of the State Level Expert Appraisal Committee, West Bengal (2023-2026) held on September 20, 2023 at 14:00 hr at the Conference Room, Paribesh Bhawan, Bidhannagar.**

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The 15<sup>th</sup> meeting of the State Level Expert Appraisal Committee (SEAC), West Bengal (2023-2026) was held on Wednesday the 20<sup>th</sup> September, 2023 at 14:00 hr at the Conference Room, Paribesh Bhawan, Bidhannagar. The following members participated:

1)	Dr. Rajesh Kumar, IPS	Secretary, SEAC	Present
2)	Prof. (Dr.) Anirban Gupta	Chairman, SEAC	Present
3)	Prof. (Dr.) Suchandra Bardhan	Member, SEAC	Present
4)	Prof. (Dr.) Sampa Chakraborty	Member, SEAC	Present
5)	Prof. (Dr.) Pradip Kumar Sikdar	Member, SEAC	Present
6)	Prof. (Dr.) Indranath Sinha	Member, SEAC	Present
7)	Prof. (Dr.) Aniruddha Mukhopadhyay	Member, SEAC	Present
8)	Shri Shubhendu Bandyopadhyay	Member, SEAC	Present

## **1) TECHNICAL PRESENTATIONS**

### **1.1) For Terms of Reference**

#### **1.1.1) Industry Sector**

- I. **Proposed installation of Hot & Cold Rolling Mill Plant at Plot No.220 (Full), 221(P) & 222(P), Nachan Road, Mouza-Kamalpur, J.L No. 47, P.S & P.O.-Durgapur, District-Paschim Bardhaman, West Bengal.**

**Proposal No.:**

**SIA/WB/IND1/443169/2023**

**Project Proponent:**

**M/s. Sharp Ferro Alloys Limited.**

***Activity:***

- This is a proposal for 1,50,000 MT /Annum (TMT Bars/Flats) in **Hot Rolling Mill Plant** & 1,20,000 MT/Annum of cold rolled sheet with 6 x 20hi mill, 6 x 4hi mill and 6 bright annealing line in **Cold Rolling Mill Plant**.
- Existing capacity of the plant is -
  - 1) Refined Liquid Metal: 6250 MT/Month (By Using AOD Furnace).
  - 2) 2 X 8 T Induction Furnace (IF)
  - 3) Continuous Casting Machine (CCM) : 2 Strand
  - 4) 1 X 7.5 & 5 X 9 MVA Submerged Arc Furnace (SAF)

***Salient Features of the Project:***

- Salient features of the project as uploaded by the project proponent (PP) in the PARIVESH portal may be summed up as below –

Project Name	Proposed Installation of Hot & Cold Rolling Mill Plant
Project Location	Plot No.220 (Full), 221 (P) & 222 (P), Nachan Road, Mouza-Kamalpur, J.L No. 47, P.S & P.O.-Durgapur, District-Paschim Bardhaman, West Bengal.
Latitude & Longitude	23°35'25.18"N & 87°18'7.88"E
Production Capacity	1,50,000 MT /Annum (TMT Bars/Flats) & 1,20,000 MT/Annum of cold rolled sheet with 6 x 20hi mill, 6 x 4hi mill and 6 bright annealing line
Raw material requirements	Billets 162000 MT/Year
Total Land Area	20 Acre (Hot & Cold Rolling Mill Project will be installed & commissioned within the existing plant premises).
Green belt development area	6.6 Acres (33% of total land area)
Product	TMT Bars/Flats & Stainless Steel (cold rolled sheet with 6 x 20hi mill, 6 x 4hi mill and 6 bright annealing line)
Working Days	300
Manpower	140 (Exisitn-100 & Expansion-40 Persons)
Expected Cost of the Project	Total Project cost Rs. 30 Crore
Water Requirement	20 KLD (Source of Water: Durgapur Municipal Corporation)
Power Description	2.2 MW (Power Source: Damodar Valley Corporation)

#### ***Chronology of Events:***

- The existing project has already obtained Consent to Operate from WBPCB
  - a) vide No. CO107590, Memo No. 608-dr-co-s/10/1184 dated 09.04.2019 for Induction Furnace and Ferro Alloys which was valid upto 31.01.2024.
  - b) vide No. CO131921, Memo No. 32-dr-co-s/10/1184 dated 19.02.2021 for refined liquid metal by using of AOD furnace (1x25 T/charge) of capacity 6250 MT which was valid upto 31.01.2024.
  - c) vide No. CO132027, Memo No. 88-7/WPBD-Cont(579)/98(Pt.II) dated 11.01.2012 for Briquettes of 5000 Tons, Ferro Chrome (recovered) of 250 Tons, Ferro Manganese (recovered) of 150 Tons and Silico Manganese (recovered) of 150 Tons which is valid upto 31.01.2024.
- The existing project has already obtained Consent to Establish from WBPCB vide NOC Sl. No. NO137515 Memo No. 525-dr-nc-r/18/0267 dated 27.07.2018 for Rolling Mill of 150000 TPA and AOD of 2x25 T/charge.
- The PP applied in prescribed format for Terms of Reference for the project and uploaded the application in the PARIVESH portal on 06.09.2023.
- The PP was called for the ToR presentation in the 15<sup>th</sup> meeting of SEAC, WB held on 20.09.2023 and the PP presented their proposal in this meeting.

#### ***SEAC observations and recommendations:***

- The SEAC observed that the PP has submitted the application for installation of Hot Rolling Mill of 1,50,000 MT /Annum (TMT Bars/Flats) & 1,20,000 MT/Annum of cold rolled sheet with 6 x 20hi mill, 6 x 4hi mill and 6 bright annealing line. However, the PP has already obtained CTE for Rolling Mill of 150000 TPA. Therefore, the entire application should be modified in that respect.

It is also observed that the industry is located in Severely Polluted Area (SPA).

- Based on the application made, documents uploaded / submitted, and the presentation made by the PP/Consultant, the SEAC made the following **observations/ additional conditions**:

**Mandatory documents:**

1. Existing and proposed units to be clearly demarcated.
2. PFR to be modified and uploaded.
3. Compliance of the points mentioned in O.M. issued by MoEF&CC dated 31.10.2019 should be strictly followed and submitted.
4. A certified copy of the report of the status of compliance of the conditions of the CTO for the existing operation of the project.
5. Configuration and production capacity of the existing and proposed project.
6. Photographs of the existing plant area and the area of proposed expansion.
7. Photographs of existing plantation, if there be any.
8. A list of raw materials mentioning quantity source and mode of transport of those required for proposed expansion.
9. Prediction of impacts on air quality and maximum predicted incremental rise in ground level concentration due to proposed expansion.

**Land use and layout:**

10. Site plan to be corrected clarifying greenbelt area. Both adjacent plots to be showed within same site plan. The minimum greenbelt area should be at least 40% of the total plot area. Action plan to a scale of 1:100 for the greenbelt development over 40% of the total land area with maintenance plan of the plantation is to be submitted.
11. Land use break up showing each facilities / unit operations both in sqm. and percentage adding upto 100% to be submitted.
12. Superimposed mouza map showing the plot area to be submitted.
13. Total land documents of 20 Acre, individual plot nos. showing the status of conversion and mutation in the name of PP should be submitted.

**Water and wastewater**

14. Permission from DMC for supply of 20 KLD of fresh water.
15. Justification for providing an ETP with wastewater analysis.

**Solid waste**

16. Clarification of 'refractory' and 'sludge' among solid waste.

17. MOU for disposal of slag and dust and analysis of slag and dust to be submitted.

**Disaster risk reduction**

18. Risk assessment, precautionary measures, and disaster management plan to be submitted.

**Social part of EMP**

19. EMP as per Office Memorandum of MoEF & CC vide F. No. 22-65/2017.IA.III dated 30.09.2020 to be submitted. Consents from the beneficiaries of the social part of EMP should be furnished. Any other local need should be identified.

**Recommendation:** The SEAC recommended that the above documents may be submitted in the PARIVESH portal for further consideration of the application.

All the documents should be duly signed both by the project proponent and the environmental consultant.

The SEAC will further consider the case on submission of satisfactory reply on the above-mentioned queries only through "PARIVESH" portal.

**1.2) For Terms of Reference**

**1.2.1) Mining of Minerals:**

- I. **Proposed Binpur - I Sand Mine (MIN\_JH\_08) over an area of 36.58 ha (90.39 Acres) on the Kangshabati River at Mouza: Dihikalyanpur, Plot No. 1, 97, 98, 75, JL. No.: 742 & Mouza - Kadam Khundi, Plot No. 261(P), 285(P), JL. No. 816, Block - Binpur-I, P.S. – Lalgah, Dist. – Jhargram, West Bengal.**

**Proposal No.**

**SIA/WB/MIN/440249/2023**

**Project Proponent -**

**M/s. West Bengal Mineral Development & Trading Corporation Limited.**

**Environmental Consultant -**

**M/s. Indian Mine Planners and Consultants.**

**Activity:**

- This is a proposal for Binpur - I Sand Mine (MIN\_JH\_08) over an area of 36.58 ha (90.39 Acres) on the Kangshabati River at Mouza: Dihikalyanpur, Plot No. 1, 97, 98, 75, JL. No.: 742 & Mouza - Kadam Khundi, Plot No. 261(P), 285(P), JL. No. 816, Block - Binpur-I, P.S. – Lalgah, Dist. – Jhargram, West Bengal.
- The PP has obtained Provisional Grant Order for Sand Blocks vide Memo No. 261-ICE-12011(99)/68/2022-MINES Dated 20.04.2023.
- As required under the West Bengal Minor Mineral Concession Rules, 2016, the PP got a composite 'Mining Plan with Progressive Mine Closure Plan' for riverbed sand mining at the site prepared by an RQP. The Plan has been approved by the State Government on 16.06.2023 and the approved plan has been uploaded at the PARIVESH portal by the PP.
- The production details as mentioned in the Mining Plan is given below :-

Year	Total Area (Ha)	Total Area (m2)	Thickness (m)	Replenishment Rate (%)	Geological Resource (m3)
1 <sup>st</sup>	36.58	365800	2.50	100	914500.0000
2 <sup>nd</sup>	36.58	365800	1.88325	75.33	688892.8500
3 <sup>rd</sup>	36.58	365800	1.88325	75.33	688892.8500
4 <sup>th</sup>	36.58	365800	1.88325	75.33	688892.8500
5 <sup>th</sup>	36.58	365800	1.88325	75.33	688892.8500
Total Geological Reserve (Cu.M)					<b>3670071.4000</b>
Total Geological Reserve (Cr. Cft.)					<b>129609 Cr</b>

Leaving aside the safety berms and barriers, and taking into account the rate of replenishment, the mineable reserves are estimated as below:

Year	Total Area (ha)	Total Area (m2)	Thickness (m)	Replenishment Rate (%)	Mineable Reserve (m3)
1 <sup>st</sup>	34.49	344900	2.50	100	862250.0000
2 <sup>nd</sup>	34.49	344900	1.88325	75.33	649532.9250
3 <sup>rd</sup>	34.49	344900	1.88325	75.33	649532.9250
4 <sup>th</sup>	34.49	344900	1.88325	75.33	649532.9250
5 <sup>th</sup>	34.49	344900	1.88325	75.33	649532.9250
Total Mineable Reserve (Cu.M)					<b>3460381.7000</b>
Total Mineable Reserve (Cr. Cft)					<b>122203 Cr</b>

- The PP has uploaded pre-feasibility report for the proposed project.
- The PP has uploaded non-cluster certificate from the competent authority. **The sand block does not form a cluster with any adjacent sand block.**
- The PP has informed that there is no court case pending against the project.

#### **Chronology of Events**

- The PP applied in prescribed format for Terms of Reference and uploaded the application in the PARIVESH portal on 16.08.2023.
- The PP was called for the ToR presentation in the 15<sup>th</sup> meeting SEAC, WB held on 20.09.2023 and the PP presented their proposal in this meeting.

#### **SEAC Observations and Recommendations:**

- Based on the submission and presentation made by the PP, the SEAC observed that **the entire plot area** for the proposed project as per the geo-coordinates mentioned in the approved Mining Plan with Progressive Mine Closure Plan **falls within the potential mining zone** recorded in the approved District Survey Report (DSR) of Jhargram district. Therefore, the SEAC **recommended** issuance of **Standard Terms of Reference** for EIA preparation for the project with the following additional conditions :-

1. NABET accreditation certificate of the consultant.

2. Means of access and egress between the embankment and the sand quarry may be clearly earmarked. The Project Proponent must commit that no hard toping or paving of any haulage route within the riverbed will be attempted.
3. A plan on the management and handling of sand during the period of intermediate stockpiling should be submitted.
4. A Progressive Greenbelt Plan may be prepared. The project area being entirely on the riverbed, afforestation/ vegetation should be attempted alongside the village roads or other public land. This may be done with prior approval of the local self-governing bodies. If no public land is available for the purpose the Project Proponent shall arrange for land with his personal means. To enhance success/ survival rate the plantation shall be attempted during the first two years of the project life and the plantation so done shall be taken care of during the rest of the project life. Species of the plant selected should be self-sustaining in that particular region.
5. Plan showing spatial year wise distribution of the proposed greenbelt has to be submitted along-with supporting documents of administrative approval/s.
6. A need-based EMP may be prepared in accordance with the MoEF&CC Office Memorandum vide F. No. 22-65/2017.IA.III dated 30.09.2020. Record of communications made in this regard with the identified/ intended beneficiaries (schools/ institutions etc) may also be uploaded.
7. A study report on base flow level measured at 5 points with date and supporting photographs should be submitted. It should be committed that mining will be done at least 1m above the base flow level. Accordingly, if required, the excavation plan may also be revised.
8. Management plan of haul road to the public road.
9. Sieve analysis report for grain size distribution should be provided.

**The PP shall, – while applying for environmental clearance, upload in the PARIVESH portal, the EIA/EMP report along with the documents/ submissions/ clarifications sought above.**

All the documents should be duly signed both by the project proponent and environmental the consultant.

- II. Proposed Binpur - 1 Sand Mine (MIN\_JH\_09) over an area of 32.60 ha (80.56 Acre) on Kangshabati River at Mouza: Boropolashi, Plot No. 727(P), JL. No.: 903, Mouza - Chhotorokhidanga, Plot No. 1(P), JL. No.: 905, Mouza - Bandbodhoni; Plot No. 1704(P), 1397(P), 1705(P), JL. No.: 906, Block - Binpur-I, P.S. – Lalgah; Dist. – Jhargram, West Bengal.**

**Proposal No.**

**SIA/WB/MIN/440254/2023**

**Project Proponent -**

**M/s. West Bengal Mineral Development & Trading Corporation Limited.**

**Environmental Consultant -**

**M/s. Indian Mine Planners and Consultants**

**Activity:**

- This is a proposal for Binpur - 1 Sand Mine (MIN\_JH\_09) over an area of 32.60 ha (80.56 Acre) on Kangshabati River at Mouza: Boropolashi, Plot No. 727(P), JL. No.: 903, Mouza - Chhotorokhidanga, Plot No. 1(P), JL. No.: 905, Mouza - Bandbodhoni; Plot No. 1704(P), 1397(P), 1705(P), JL. No.: 906, Block - Binpur-I, P.S. – Lalgarh; Dist. – Jhargram, West Bengal.
- The PP has obtained Provisional Grant Order for Sand Blocks vide Memo No. 261-ICE-12011(99)/68/2022-MINES Dated 20.04.2023.
- As required under the West Bengal Minor Mineral Concession Rules, 2016, the PP got a composite 'Mining Plan with Progressive Mine Closure Plan' for riverbed sand mining at the site prepared by an RQP. The Plan has been approved by the State Government on 16.06.2023 and the approved plan has been uploaded at the PARIVESH portal by the PP.
- The production details as mentioned in the Mining Plan is given below :-

Year	Total Area (Ha)	Total Area (m <sup>2</sup> )	Thickness (m)	Replenishment Rate (%)	Geological Resource (m <sup>3</sup> )
1 <sup>st</sup>	32.60	326000	2.50	100	815000.0000
2 <sup>nd</sup>	32.60	326000	1.88325	75.33	613939.5000
3 <sup>rd</sup>	32.60	326000	1.88325	75.33	613939.5000
4 <sup>th</sup>	32.60	326000	1.88325	75.33	613939.5000
5 <sup>th</sup>	32.60	326000	1.88325	75.33	613939.5000
Total GEOLOGICAL RESERVE (Cu.M)					<b>3270758.0000</b>
Total GEOLOGICAL RESERVE (Cr. Cft.)					<b>11.5507 Cr.</b>

Leaving aside the safety berms and barriers, and taking into account the rate of replenishment, the mineable reserves are estimated as below:

Year	Total Area (ha)	Total Area (m <sup>2</sup> )	Thickness (m)	Replenishment Rate (%)	Mineable Reserve (m <sup>3</sup> )
1 <sup>st</sup>	30.52	305200	2.50	100	763000.00
2 <sup>nd</sup>	30.52	305200	1.88325	75.33	574767.9000
3 <sup>rd</sup>	30.52	305200	1.88325	75.33	574767.9000
4 <sup>th</sup>	30.52	305200	1.88325	75.33	574767.9000
5 <sup>th</sup>	30.52	305200	1.88325	75.33	574767.9000
TOTAL MINEABLE RESERVE(Cu.M)					<b>3062071.6000</b>
TOTAL MINEABLE RESERVE(Cr. Cft)					<b>108137 Cr</b>

- The PP has uploaded pre-feasibility report for the proposed project.
- The PP has uploaded non-cluster certificate from the competent authority. **The sand block does not form a cluster with any adjacent sand block.**
- The PP has informed that there is no court case pending against the project.

#### **Chronology of Events**

- The PP applied in prescribed format for Terms of Reference and uploaded the application in the PARIVESH portal on 16.08.2023.

- The PP was called for the ToR presentation in the 15<sup>th</sup> meeting SEAC, WB held on 20.09.2023.

**SEAC Observations and Recommendations:**

- Based on the submission and presentation made by the PP, the SEAC observed that **the entire plot area** for the proposed project as per the geo-coordinates mentioned in the approved Mining Plan with Progressive Mine Closure Plan **falls within the potential mining zone** recorded in the approved District Survey Report (DSR) of Jhargram district. However, the SEAC noted that the application form submitted mentions only 2 mouzas, whereas the plot area is spread over 3 mouzas - Mouza: Boropolashi, Plot No. 727(P), J.L. No.: 903, Mouza - Chhotorokhidanga, Plot No. 1(P), J.L. No.: 905, Mouza - Bandbodhoni; Plot No. 1704(P), 1397(P), 1705(P).
- Therefore, the SEAC decided that the present application should be rejected and the PP should apply afresh.

**III. Proposed MIN\_BNK\_55\_A Sand Mine over an area of 15.00 ha (37.065 Acres) on the Darakeswar River at J.L. No.: 55, Mouza: Bhagalpur, Plot No.: 1366, 1367, 1426, J.L. No.: 61, Mouza: Hati, Plot No.: 3, 4, 61, 62, 63, 80, 81, 83, 84, P.S.: Kotulpur, J.L. No.: 103, Mouza: Behar, Plot No.: 963, 2473, 2455, 2456, 1036, 1037, 2340, 2362, J.L. No.: 104, Mouza: Parikhapara, Plot No.: 996, 999, 1001, 1009, 1008, P.S.: Indas, District: Bankura, West Bengal.**

**Proposal No.** SIA/WB/MIN/443172/2023  
**Project Proponent -** M/s. West Bengal Mineral Development & Trading Corporation Limited.  
**Environmental Consultant -** M/s. Centre for Envotech and Management Consultancy Private Limited

**Activity:**

- This is a proposal for MIN\_BNK\_55\_A Sand Mine over an area of 15.00 ha (37.065 Acres) on the Darakeswar River at J.L. No.: 55, Mouza: Bhagalpur, Plot No.: 1366, 1367, 1426, J.L. No.: 61, Mouza: Hati, Plot No.: 3, 4, 61, 62, 63, 80, 81, 83, 84, P.S.: Kotulpur, J.L. No.: 103, Mouza: Behar, Plot No.: 963, 2473, 2455, 2456, 1036, 1037, 2340, 2362, J.L. No.: 104, Mouza: Parikhapara, Plot No.: 996, 999, 1001, 1009, 1008, P.S.: Indas, District: Bankura, West Bengal.
- The PP has obtained Provisional Grant Order for Sand Blocks vide Memo No. 689-ICE-12011(99)/68/2022-MINES Dated 31.11.2022.
- As required under the West Bengal Minor Mineral Concession Rules, 2016, the PP got a composite 'Mining Plan with Progressive Mine Closure Plan' for riverbed sand mining at the site prepared by an RQP. The Plan has been approved by the State Government on 28.08.2023 and the approved plan has been uploaded at the PARIVESH portal by the PP.
- The production details as mentioned in the Mining Plan is given below :-

Year	Total Area (ha)	Thickness (m)	Replenishment Rate (%)	Geological Resource (cu.m)
1	15.00	3	--	450000



2	15.00	2.346	78.20	351900
3	15.00	2.346	78.20	351900
4	15.00	2.346	78.20	351900
5	15.00	2.346	78.20	351900
<b>Total Geological Resource</b>				<b>1857600</b>

Leaving aside the safety berms and barriers, and taking into account the rate of replenishment, the mineable reserves are estimated as below:

Year	Total Mineable Area (ha)	Thickness (m)	Replenishment Rate (%)	Mineable Reserve (cu.m)	Annual production (Cu.m)
1	8.59	3	--	257700	180390
2	8.59	2.346	78.20	201521.40	201521.40
3	8.59	2.346	78.20	201521.40	201521.40
4	8.59	2.346	78.20	201521.40	201521.40
5	8.59	2.346	78.20	201521.40	201521.40
<b>Total Mineable Reserve</b>				<b>1063785.60</b>	<b>986475.60</b>

- The PP has uploaded pre-feasibility report for the proposed project.
- The PP has uploaded cluster certificate from the competent authority. **The sand block forms a cluster with an adjacent sand block with MIN\_BNK\_55C sand block.**
- The PP has informed that there is no court case pending against the project.

#### **Chronology of Events**

- The PP applied in prescribed format for Terms of Reference and uploaded the application in the PARIVESH portal on 11.09.2023.
- The PP was called for the ToR presentation in the 15<sup>th</sup> meeting SEAC, WB held on 20.09.2023.

#### **SEAC Observations and Recommendations:**

- Based on the submission and presentation made by the PP, the SEAC observed that **the entire plot area** for the proposed project as per the geo-coordinates mentioned in the approved Mining Plan with Progressive Mine Closure Plan **falls within the potential mining zone** recorded in the approved District Survey Report (DSR) of Bankura district. Therefore, the SEAC **recommended** issuance of **Standard Terms of Reference** for EIA preparation for the project with the following additional conditions :-
  1. NABET accreditation certificate of the consultant.
  2. Means of access and egress between the embankment and the sand quarry may be clearly earmarked. The Project Proponent must commit that no hard topping or paving of any haulage route within the riverbed will be attempted.
  3. A plan on the management and handling of sand during the period of intermediate stockpiling should be submitted.
  4. A Progressive Greenbelt Plan may be prepared. The project area being entirely on the riverbed, afforestation/ vegetation should be attempted alongside the village roads or other public land. This may be done with prior approval of the local self-

governing bodies. If no public land is available for the purpose the Project Proponent shall arrange for land with his personal means. To enhance success/survival rate the plantation shall be attempted during the first two years of the project life and the plantation so done shall be taken care of during the rest of the project life. Species of the plant selected should be self-sustaining in that particular region.

5. Plan showing spatial year wise distribution of the proposed greenbelt has to be submitted along-with supporting documents of administrative approval/s.
6. A need-based EMP may be prepared in accordance with the MoEF&CC Office Memorandum vide F. No. 22-65/2017.IA.III dated 30.09.2020. Record of communications made in this regard with the identified/ intended beneficiaries (schools/ institutions etc) may also be uploaded.
7. A study report on base flow level measured at 5 points with date and supporting photographs should be submitted. It should be committed that mining will be done at least 1m above the base flow level. Accordingly, if required, the excavation plan may also be revised.
8. Management plan of haul road to the public road.
9. Sieve analysis report for grain size distribution should be provided.

**The PP shall, – while applying for environmental clearance, upload in the PARIVESH portal, the EIA/EMP report along with the documents/ submissions/ clarifications sought above.**

All the documents should be duly signed both by the project proponent and environmental the consultant.

## **2) Consideration of Terms of Reference (Extension of Validity/ Amendment / Corrigendum)**

### **2.1) Industry Sector:**

- I. **Amendment in Terms of Reference for the proposed Cold Rolling Mills Complex (CRMC) at Village – Dhasal, PO – Bahadurpur P.S Jamuria, District – Paschim Bardhaman, West Bengal.**

**Proposal No.**

**SIA/WB/IND/303797/2023**

**Project Proponent -**

**M/s. Shyam Metalics Flat Product Pvt. Ltd.**

**Environmental Consultant -**

**M/s. Enkay Enviro Services Pvt. Ltd.**

#### ***Activities:***

- This is a proposal for amendment of ToR for the Cold Rolling Mills Complex (CRMC) at Village – Dhasal, PO – Bahadurpur P.S Jamuria, District – Paschim Bardhaman, West Bengal.

***Chronology of the Events:***

- The PP had obtained Terms of Reference for the project from SEIAA vide no. 1213/EN/T-II-1/258/2023 dated 28.06.2023.
- Now the PP applied in PARIVESH portal on 31.08.2023 for amendment in ToR for reducing the production capacity from 0.6 MTPA to 0.4 MTPA along with project area from 93.03 acres to 54.9 acres. The comparative of the previous ToR and amendment in ToR are as follows :-

Items	As per Approved ToR	As per amendment proposal	Remarks
Project area	93.03 Acres	54.9 acre	changes in project area
Production capacity	600000 TPA	400000 TPA	Changes in production capacity

- The PP was called for the presentation in the 15<sup>th</sup> meeting of SEAC, WB (2023-2026) held on 20.09.2023 and the PP presented their proposal in this meeting.

**SEAC Observations and Recommendations:**

- Considering the submission made by the PP, the SEAC recommended that the following documents should be submitted along with the EC application:-

**Legal / mandatory documents:**

- 1) Notary Affidavit as per the enclosed format given in **Annexure – 1**.
- 2) Comparative statement of the salient features of the total project.
- 3) Damage Assessment Plan.
- 4) Remedial Plan.
- 5) Community Augmentation Plan.
- 6) Authenticated project cost incurred till date for which violation is done along-with the total project cost. Also provide turnover of the expansion project, if any.

**Land & mandatory documents**

- 7) Complete land documents (mutation & conversion) in the name of the project proponent. Revised layout plan showing the vested land properly demarcated.
- 8) Superimposed mouza map showing the entire plot area. The vested land should be shown in this map.
- 9) Permission from the competent authority regarding water supply.
- 10) Detailed layout plan showing the area statement **including pond area** in sqm. and percentage of the plot area (adding upto 100%) should be provided. Fraction of the area covered by the pond should be mentioned.

**Green belt and plantation**

- 11) Tree Plantation Plan for atleast 33% of the plot area. Action plan to a scale of 1:100 for the greenbelt development over 33% of the total land area with maintenance plan of the plantation is to be submitted.

**Need-based activities**

- 12) The EMP to be prepared must comply with the provisions of MoEF&CC Office Memorandum No. vide F. No. 22-65/2017.IA.III dated 30.09.2020 to be submitted. Local need should be identified and assessed.

**Process operations**

- 13) Details of emission control system and effluent treatment system for acid pickling line.
- 14) Details of emission control system in metallic coating line, colour coating line and splitting area.
- 15) MSDS data for all the chemicals used.
- 16) Plan of pollution control in the storage area.
- 17) Measures adopted for containment of VOC emissions in work shed and other important points.

**Water and Wastewater**

- 18) Details of ETP and STP alongwith the wastewater analysis data.
- 19) Quality of water in the pond should be regularly monitored.
- 20) The embankment of the pond should be maintained be as per statutory guidelines.
- 21) Water balance for both monsoon and dry seasons along with calculation of domestic water may be submitted.

**Disaster risk reduction**

- 22) Risk assessment, precautionary measures, and disaster management plan to be submitted.

**Miscellaneous**

- 23) The PP shall install the following and submit a suitable space-time plan of actions for each of them.
- a) Smart flow water meter at inlet for fresh water, for inlet, recycle and discharge of wastewater/ treated wastewater.
  - b) Dumping of slag etc. will be permitted only at an approved designated place.
  - c) Use of pet coke and furnace oil shall be in accordance with the notification issued by Dept. of Environment, GoWB vide no. EN/1527/T-VIII-6/01/2020 dated 13.11.2020.

**Recommendation:** Having taken into account the salient features of the proposed **amended project**, the SEAC recommended that '**Terms of Reference**' may be issued for EIA study of the proposed project. In addition to the standard ToR, the above additional terms / conditions may be made a part of the ToR. Status of the compliance of the conditions stipulated may be furnished along with the application for Environmental Clearance application.

While applying for the environmental clearance, the proponent shall upload the EIA/EMP report along with the documents/ sought above. All the documents should be duly signed by the project proponent and the environmental consultant.

### **3) Consideration of Terms of Reference (Extension of Validity/ Amendment / Corrigendum)**

#### **3.1) Industry Sector:**

- I. **Extension of Validity of Environmental Clearance for proposed expansion of Cement Grinding Unit from 1.8 MTPA to 4.0 MTPA at EPIP, Muchipara Durgapur, P.O. - Rajbandh, P.S. - Kanksa, Dist - Paschim Bardhaman, West Bengal.**

<b>Proposal No.</b>	<b>SIA/WB/IND/304049/2023</b>
<b>Project Proponent -</b>	<b>M/s. Ultra Tech Cement Ltd.</b>
<b>Environmental Consultant -</b>	<b>M/s. JM Enviro Net</b>

#### ***Activities:***

- This is a proposal for extension of validity of Environmental Clearance for proposed expansion of Cement Grinding Unit from 1.8 MTPA to 4.0 MTPA at EPIP, Muchipara Durgapur, P.O. - Rajbandh, P.S. - Kanksa, Dist - Paschim Bardhaman, West Bengal.

#### ***Chronology of the Events:***

- The project proponent had obtained Environmental Clearance for the above project vide no. EN/2937/T-II-1/109/2011 dated 31.12.2012 issued by SEIAA which was valid for 5 years upto 30.12.2017.
- EC validity extension was obtained vide letter 2129/EN/T-II-1/109/2011 dated 21.09.2017 for a period of two years upto 30.12.2019, vide letter 2371/EN/T-II-1/109/2011 dated 03.12.2019 for a period of three years upto 30.12.2022 and letter no. 2034/EN/T-II-1/109/2011 dated 29.09.2022 for a period of one year up to 30.12.2023.
- Now the project proponent (PP) applied in PARIVESH portal on 11.09.2023 for extension of validity of the above-mentioned EC for **one year from 31.12.2023 to 30.12.2024.**

#### **SEAC Observations and Recommendations:**

- The matter was considered in the 15<sup>th</sup> meeting of SEAC, WB (2023-2026) held on 20.09.2023. As per the Notification issued by MoEF&CC vide S.O. 1807 (E) dated 12<sup>th</sup> April, 2022, the validity period of EC is upto 10 (ten) years which may be extended further for a period of 1 (one) year.
- Therefore, the SEAC **recommended** that the **validity extension of EC** may be granted for a period of **further 1 (one) year i.e. upto 31.12.2024** as per the EIA Notification, 2006 and its subsequent amendments.

#### 4) Consideration of Terms of Reference (Extension of Validity / Amendment / Corrigendum)

##### 4.1) Mining of Minerals:

- I. Amendment in Environmental Clearance for Kashipur Sand Mine (MIN\_PUR\_20) over an area of 2.18 ha (5.38 Acres) on the Dwarakeswar River at Village - Dejori, Shyambathan & Jagannathdih, Mouza – Dejori, Shyambathan & Jagannathdih, J. L. No. – 125, 126 & 134, Plot No. 609, 775 & 2 and 1042, Block – Kashipur, Police Station – Kashipur, District – Purulia, West Bengal.

Proposal No.	SIA/WB/MIN/304075/2023
Project Proponent -	M/s. West Bengal Mineral Development and Trading Corporation Limited.
Environmental Consultant -	M/s. Crystal Consultants

##### **Activities:**

- This is a proposal for amendment in EC for Kashipur Sand Mine (MIN\_PUR\_20) over an area of 2.18 ha (5.38 Acres) on the Dwarakeswar River at Village - Dejori, Shyambathan & Jagannathdih, Mouza – Dejori, Shyambathan & Jagannathdih, J. L. No. – 125, 126 & 134, Plot No. 609, 775 & 2 and 1042, Block – Kashipur, Police Station – Kashipur, District – Purulia, West Bengal.

##### **Chronology of the Events:**

- The PP had obtained Environmental Clearance for the project from SEIAA vide EC Identification No. EC23B001WB173353, File no. EN/T-II-1/433/2023 dated 29.08.2023.
- Now the PP applied in PARIVESH portal on 12.09.2023 for amendment in EC for correction of latitude of BP2 point i.e. N 23°22' 21.120". The comparative of the previous EC and amendment in EC are as follows :-

Description	As per EC dated 29.08.2023	As per amendment in EC proposal
Latitude (BP2)	N 23° 22' 21.210"	N 23°22' 21.120"

- The matter was considered in the 15<sup>th</sup> meeting of SEAC, WB (2023-2026) held on 20.09.2023.

##### **SEAC Observations and Recommendations:**

- Considering the submission made by the PP, the SEAC **recommended the amendment in EC** may be considered.

**5) Reconsideration Proposals :-****5.1) Terms of Reference :****5.1.1) Mining of Minerals:**

- I. **Proposed Datan - I Sand Mine (MIN\_WMED\_19) over an area of 7.98 ha (19.719 Acres) on the Subarnarekha River at Mouza– Ramgiri Gobindachak & Sonakoniya, JL. No. – 173 & 175, P.S.– Dantan, Dist.–Paschim Medinipur, West Bengal.**

**Proposal No.****SIA/WB/MIN/440647/2023****Project Proponent -****M/s. West Bengal Mineral Development & Trading Corporation Limited.****Environmental Consultant -****M/s. Indian Mine Planners and Consultants****Activity:**

- This is a proposal for Datan - I Sand Mine (MIN\_WMED\_19) over an area of 7.98 ha (19.719 Acres) on the Subarnarekha River at Mouza– Ramgiri Gobindachak & Sonakoniya, JL. No. – 173 & 175, P.S.– Dantan, Dist.–Paschim Medinipur, West Bengal.
- The PP has obtained Provisional Grant Order for Sand Blocks vide Memo No. 261-ICE-12011(99)/27/2022-MINES Dated 20.04.2023.
- As required under the West Bengal Minor Mineral Concession Rules, 2016, the PP got a composite 'Mining Plan with Progressive Mine Closure Plan' for riverbed sand mining at the site prepared by an RQP. The Plan has been approved by the State Government on 16.06.2023 and the approved plan has been uploaded at the PARIVESH portal by the PP.
- The production details as mentioned in the Mining Plan is given below :-

Year	Total Area (ha)	Total Area (m <sup>2</sup> )	Thickness (m)	Replenishment Rate (%)	Geological Resource (cu.m)
1	7.98	79800	2.5	100	199500
2	7.98	79800	1.84375	73.75	147131.25
3	7.98	79800	1.84375	73.75	147131.25
4	7.98	79800	1.84375	73.75	147131.25
5	7.98	79800	1.84375	73.75	147131.25
Total Geological reserve (cu.m)					<b>788025</b>
Total Geological reserve (c.ft)					<b>2.782 Cr.</b>

Leaving aside the safety berms and barriers, and taking into account the rate of replenishment, the mineable reserves are estimated as below:

Year	Total Area (ha)	Total Area (m <sup>2</sup> )	Thickness (m)	Replenishment Rate (%)	Mineable Reserve (cu.m)
1	7.00	70000	2.5	100	175000
2	7.00	70000	1.84375	73.75	129062.5
3	7.00	70000	1.84375	73.75	129062.5

4	7.00	70000	1.84375	73.75	129062.5
5	7.00	70000	1.84375	73.75	129062.5
Total Mineable reserve (cu.m)					<b>691250</b>
Total Mineable reserve (c.ft)					<b>2.441 Cr.</b>

- The PP has uploaded pre-feasibility report for the proposed project.
- The PP has uploaded non-cluster certificate from the competent authority. **The sand block does not form a cluster with any adjacent sand block.**
- The PP has informed that there is no court case pending against the project.

#### ***Chronology of Events***

- The PP applied in prescribed format for Terms of Reference and uploaded the application in the PARIVESH portal on 18.08.2023.
- The PP was called for the ToR presentation in the 13<sup>th</sup> meeting SEAC, WB held on 07.09.2023.
- Based on the submission and presentation made by the PP, the SEAC observed that **the entire plot area** for the proposed project as per the geo-coordinates mentioned in the approved Mining Plan with Progressive Mine Closure Plan **falls within the potential mining zone** recorded in the approved District Survey Report (DSR) of Paschim Medinipur district.
- Therefore, the SEAC observed that the Mining Plan with Progressive Mine Closure Plan is not signed by the approving authority.
- NABET Accreditation certificate of the consultant should be uploaded.
- The project proponent uploaded their reply in PARIVESH Portal on 14.09.2023, which was considered in the 15<sup>th</sup> meeting SEAC, WB (2023-2026) held on 20.09.2023.

#### ***SEAC Observations and Recommendations:***

- Based on the submission made by the PP, the committee after careful consideration and detailed deliberation the SEAC **recommended** issuance of **Standard Terms of Reference** for EIA preparation for the project with the following additional conditions :-
  1. Means of access and egress between the embankment and the sand quarry may be clearly earmarked. The Project Proponent must commit that no hard toping or paving of any haulage route within the riverbed will be attempted.
  2. A plan on the management and handling of sand during the period of intermediate stockpiling should be submitted.
  3. A Progressive Greenbelt Plan may be prepared. The project area being entirely on the riverbed, afforestation/ vegetation should be attempted alongside the village roads or other public land. This may be done with prior approval of the local self-governing bodies. If no public land is available for the purpose the Project Proponent shall arrange for land with his personal means. To enhance success/ survival rate the plantation shall be attempted during the first two years of the project life and the plantation so done shall be taken care of during the rest of the project life. Species of the plant selected should be self-sustaining in that particular region.



4. Plan showing spatial year wise distribution of the proposed greenbelt has to be submitted along-with supporting documents of administrative approval/s.
5. A need-based EMP may be prepared in accordance with the MoEF&CC Office Memorandum vide F. No. 22-65/2017.IA.III dated 30.09.2020. Record of communications made in this regard with the identified/ intended beneficiaries (schools/ institutions etc) may also be uploaded.
6. A study report on base flow level measured at 5 points with date and supporting photographs should be submitted. It should be committed that mining will be done at least 1m above the base flow level. Accordingly, if required, the excavation plan may also be revised.
7. Management plan of haul road to the public road.
8. Sieve analysis report for grain size distribution should be provided.

**The PP shall, – while applying for environmental clearance, upload in the PARIVESH portal, the EIA/EMP report along with the documents/ submissions/ clarifications sought above.**

All the documents should be duly signed both by the project proponent and environmental the consultant.

**II. Proposed Datan - I Sand Mine (MIN\_WMED\_18) over an area of 26.77 ha (66.150 Acres) on the Subarnarekha River at Mouza – Dakshin Amdiha & Kotepada JL. No.– 26 & 27 Plot No – 575(P) & 499 (P) P.S. –Dantan, Dist. – Paschim Medinipur, West Bengal.**

**Proposal No.**

**SIA/WB/MIN/440638/2023**

**Project Proponent -**

**M/s. West Bengal Mineral Development & Trading Corporation Limited.**

**Environmental Consultant -**

**M/s. Indian Mine Planners and Consultants**

**Activity:**

- This is a proposal for Datan - I Sand Mine (MIN\_WMED\_18) over an area of 26.77 ha (66.150 Acres) on the Subarnarekha River at Mouza – Dakshin Amdiha & Kotepada JL. No.– 26 & 27 Plot No – 575(P) & 499 (P) P.S. –Dantan, Dist. – Paschim Medinipur, West Bengal.
- The PP has obtained Provisional Grant Order for Sand Blocks vide Memo No. 261-ICE-12011(99)/27/2022-MINES Dated 20.04.2023.
- As required under the West Bengal Minor Mineral Concession Rules, 2016, the PP got a composite 'Mining Plan with Progressive Mine Closure Plan' for riverbed sand mining at the site prepared by an RQP. The Plan has been approved by the State Government on 16.06.2023 and the approved plan has been uploaded at the PARIVESH portal by the PP.
- The production details as mentioned in the Mining Plan is given below :-

Year	Total Area (ha)	Total Area (m2)	Thickness (m)	Replenishment Rate (%)	Geological Resource (cu.m)
1	26.77	267700	2.5	100	669250

2	26.77	267700	1.84375	73.75	493571.875
3	26.77	267700	1.84375	73.75	493571.875
4	26.77	267700	1.84375	73.75	493571.875
5	26.77	267700	1.84375	73.75	493571.875
Total Geological reserve (cu.m)					<b>2643537.5</b>
Average Geological reserve (cu.m)					<b>9.335 Cr.</b>

Leaving aside the safety berms and barriers, and taking into account the rate of replenishment, the mineable reserves are estimated as below:

Year	Total Area (ha)	Total Area (m <sup>2</sup> )	Thickness (m)	Replenishment Rate (%)	Mineable Reserve (cu.m)
1	25.131	251310	2.5	100	628275
2	25.131	251310	1.84375	73.75	463352.8125
3	25.131	251310	1.84375	73.75	463352.8125
4	25.131	251310	1.84375	73.75	463352.8125
5	25.131	251310	1.84375	73.75	463352.8125
Total Mineable reserve (cu.m)					<b>2481686.25</b>
Average Mineable reserve (cu.m)					<b>8.764 Cr.</b>

- The PP has uploaded pre-feasibility report for the proposed project.
- The PP has uploaded non-cluster certificate from the competent authority. **The sand block does not form a cluster with any adjacent sand block.**
- The PP has informed that there is no court case pending against the project.

#### **Chronology of Events**

- The PP applied in prescribed format for Terms of Reference and uploaded the application in the PARIVESH portal on 18.08.2023.
- The PP was called for the ToR presentation in the 13<sup>th</sup> meeting SEAC, WB held on 07.09.2023.
- Based on the submission and presentation made by the PP, the SEAC observed that **the entire plot area** for the proposed project as per the geo-coordinates mentioned in the approved Mining Plan with Progressive Mine Closure Plan **falls within the potential mining zone** recorded in the approved District Survey Report (DSR) of Paschim Medinipur district.
- However, the SEAC observed that page 20 of uploaded approved Mine Plan is missing. The geological reserves are not mentioned in the uploaded mine plan.
- NABET Accreditation certificate of the consultant should be uploaded.
- The project proponent uploaded their reply in PARIVESH Portal on 14.09.2023, which was considered in the 15<sup>th</sup> meeting SEAC, WB (2023-2026) held on 20.09.2023.

#### **SEAC Observations and Recommendations:**

- Based on the submission made by the PP, the committee after careful consideration and detailed deliberation the SEAC **recommended** issuance of **Standard Terms of Reference** for EIA preparation for the project with the following additional conditions :-
  1. Means of access and egress between the embankment and the sand quarry may be clearly earmarked. The Project Proponent must commit that no hard toping or paving of any haulage route within the riverbed will be attempted.
  2. A plan on the management and handling of sand during the period of intermediate stockpiling should be submitted.
  3. A Progressive Greenbelt Plan may be prepared. The project area being entirely on the riverbed, afforestation/ vegetation should be attempted alongside the village roads or other public land. This may be done with prior approval of the local self-governing bodies. If no public land is available for the purpose the Project Proponent shall arrange for land with his personal means. To enhance success/ survival rate the plantation shall be attempted during the first two years of the project life and the plantation so done shall be taken care of during the rest of the project life. Species of the plant selected should be self-sustaining in that particular region.
  4. Plan showing spatial year wise distribution of the proposed greenbelt has to be submitted along-with supporting documents of administrative approval/s.
  5. A need-based EMP may be prepared in accordance with the MoEF&CC Office Memorandum vide F. No. 22-65/2017.IA.III dated 30.09.2020. Record of communications made in this regard with the identified/ intended beneficiaries (schools/ institutions etc) may also be uploaded.
  6. A study report on base flow level measured at 5 points with date and supporting photographs should be submitted. It should be committed that mining will be done at least 1m above the base flow level. Accordingly, if required, the excavation plan may also be revised.
  7. Management plan of haul road to the public road.
  8. Sieve analysis report for grain size distribution should be provided.

**The PP shall, – while applying for environmental clearance, upload in the PARIVESH portal, the EIA/EMP report along with the documents/ submissions/ clarifications sought above.**

All the documents should be duly signed both by the project proponent and environmental the consultant.

**III. Proposed Matigara Sand Mine (MIN\_DJ\_03) over an area of 28.25 ha (69.81 Acres) on the Balason River at Mouza: - Gouri & Dumriguri Chhat, Plot No. - 54, 55, 56, 57, 65, J.L. No. - 60 & 63, P. S. - Matigara, District: - Darjeeling, West Bengal.**

<b>Proposal No.</b>	<b>SIA/WB/MIN/436449/2023</b>
<b>Project Proponent -</b>	<b>M/s. West Bengal Mineral Development &amp; Trading Corporation Limited.</b>
<b>Environmental Consultant -</b>	<b>M/s. Indian Mine Planners and Consultants</b>
<b>Activity:</b>	

- This is a proposal for Matigara Sand Mine (MIN\_DJ\_03) over an area of 28.25 ha (69.81 Acres) on the Balason River at Mouza: - Gouri & Dumriguri Chhat, Plot No. - 54, 55, 56, 57, 65, J.L. No. - 60 & 63, P. S. - Matigara, District: - Darjeeling, West Bengal.
- The PP has obtained Provisional Grant Order for Sand Blocks vide Memo No. 261-ICE-12011(99)/27/2022-MINES Dated 20/04/2023.
- As required under the West Bengal Minor Mineral Concession Rules, 2016, the PP got a composite 'Mining Plan with Progressive Mine Closure Plan' for riverbed sand mining at the site prepared by an RQP. The Plan has been approved by the State Government on 27.06.2023 and the approved plan has been uploaded at the PARIVESH portal by the PP.
- The production details as mentioned in the Mining Plan is given below :-

Year	Total area(ha)	Total area(m2)	Thickness (m)	Replenishment rate %	Geological resource (m3)
1	28.25	282500	3.0000	100	847500.00
2	28.25	282500	2.3001	76.67	649778.25
3	28.25	282500	2.3001	76.67	649778.25
4	28.25	282500	2.3001	76.67	649778.25
5	28.25	282500	2.3001	76.67	649778.25
TOTAL GEOLOGICAL RESOUCE (cu.m)					<b>3446613.00</b>

Leaving aside the safety berms and barriers, and taking into account the rate of replenishment, the mineable reserves are estimated as below:

Year	Total area (ha)	Total area (m2)	Thickness (m)	Replenishment rate %	Mineable reserve (m3)
1	26.37	263700	3.0000	100	791100.00
2	26.37	263700	2.3001	76.67	606536.37
3	26.37	263700	2.3001	76.67	606536.37
4	26.37	263700	2.3001	76.67	606536.37
5	26.37	263700	2.3001	76.67	606536.37
TOTAL MINEABLE RESERVE (cu.m)					<b>3217245.48</b>

- The PP has uploaded pre-feasibility report for the proposed project.
- The PP has uploaded non-cluster certificate from the competent authority. **The sand block does not form a cluster with any adjacent sand block.**
- The PP has informed that there is no court case pending against the project.

#### **Chronology of the Events:**

- The PP applied in prescribed format for ToR and uploaded the application in the PARIVESH portal on 15.07.2023.
- The PP was called for the ToR presentation in the 10<sup>th</sup> meeting of SEAC, WB (2023-2026) held on 02.08.2023 and the PP presented their proposal in this meeting.

- Based on the submission and presentation made by the PP, the SEAC observed that **the entire plot area** for the proposed project as per the geo-coordinates mentioned in the approved Mining Plan with Progressive Mine Closure Plan **falls within the potential mining zone** recorded in the approved District Survey Report (DSR) of Darjeeling district. However, it is observed that the plot is in cluster with adjacent plots of **Patanerchhat Riverbed Sand Mine** by M/s. Shivalaya Enterprises (Proposal No. **SIA/WB/MIN/426791/2023**) and **Bataliguri Riverbed Sand Mine** by Smt. Rina Dutta (Proposal No. **SIA/WB/MIN/424820/2023**) which have been taken up in the 2<sup>nd</sup> SEAC meeting held on 07.06.2023 meeting. But the PP has uploaded non-cluster certificate for the project from the competent authority.
- Considering the above, the SEAC recommends that the PP should submit revised cluster certificate for the project from the competent authority.
- The project proponent uploaded their reply in PARIVESH Portal on 14.09.2023, which was considered in the 15<sup>th</sup> meeting SEAC, WB (2023-2026) held on 20.09.2023.

***SEAC Observations and Recommendations:***

- Based on the submission made by the PP, the committee after careful consideration and detailed deliberation the SEAC **recommended** issuance of **Standard Terms of Reference** for EIA preparation for the project with the following additional conditions :-
  1. NABET Accreditation certificate of the consultant should be uploaded.
  2. Means of access and egress between the embankment and the sand quarry may be clearly earmarked. The Project Proponent must commit that no hard toping or paving of any haulage route within the riverbed will be attempted.
  3. A plan on the management and handling of sand during the period of intermediate stockpiling should be submitted.
  4. A Progressive Greenbelt Plan may be prepared. The project area being entirely on the riverbed, afforestation/ vegetation should be attempted alongside the village roads or other public land. This may be done with prior approval of the local self-governing bodies. If no public land is available for the purpose the Project Proponent shall arrange for land with his personal means. To enhance success/ survival rate the plantation shall be attempted during the first two years of the project life and the plantation so done shall be taken care of during the rest of the project life. Species of the plant selected should be self-sustaining in that particular region.
  5. Plan showing spatial year wise distribution of the proposed greenbelt has to be submitted along-with supporting documents of administrative approval/s.
  6. A need-based EMP may be prepared in accordance with the MoEF&CC Office Memorandum vide F. No. 22-65/2017.IA.III dated 30.09.2020. Record of communications made in this regard with the identified/ intended beneficiaries (schools/ institutions etc) may also be uploaded.
  7. A study report on base flow level measured at 5 points with date and supporting photographs should be submitted. It should be committed that mining will be done at least 1m above the base flow level. Accordingly, if required, the excavation plan may also be revised.
  8. Management plan of haul road to the public road.

9. Sieve analysis report for grain size distribution should be provided.

**The PP shall, – while applying for environmental clearance, upload in the PARIVESH portal, the EIA/EMP report along with the documents/ submissions/ clarifications sought above.**

All the documents should be duly signed both by the project proponent and environmental the consultant.

## 5.2) Environmental Clearance :

### 5.2.1) Mining of Minerals Sector :

- I. **Proposed Baghmundi Riverbed Sand Mine (MIN\_PUR\_6) over an area of 2.88 ha (7.116 Acres) on the Subarnarekha River at Mouza - Marcha, Plot No. - 805 & 922, J. L. No. - 15, P.S. - Baghmundi, District - Purulia, West Bengal.**

**Proposal No.:** SIA/WB/MIN/437063/2023  
**Project Proponent:** M/s. West Bengal Mineral Development and Trading Corporation Limited.  
**Environmental Consultant:** M/s. Indian Mine Planners and Consultants.

#### **Activities:**

- This is a proposal for Baghmundi Riverbed Sand Mine (MIN\_PUR\_6) over an area of 2.88 ha (7.116 Acres) on the Subarnarekha River at Mouza - Marcha, Plot No. - 805 & 922, J. L. No. - 15, P.S. - Baghmundi, District - Purulia, West Bengal.
- The PP has obtained Provisional Grant Order for Sand Blocks vide Memo No. 187-ICE-12011(99)/27/2022-MINES-SEC-Dept. of ICE Dated 17.03.2023.
- As required under the West Bengal Minor Mineral Concession Rules, 2016, the PP got a composite 'Mining Plan with Progressive Mine Closure Plan' prepared for riverbed sand mining at the site by an RQP. The Plan has been approved by the State Government on 10.07.2023 and the approved plan has been uploaded at the PARIVESH portal by the PP.
- The production details as mentioned in the Mining Plan is given below :-

Year	Total Area (ha)	Thickness (m)	Replenishment Rate (%)	Geological Resource (cu.m)
1	2.88	1.5	100	43200
2	2.88	1.125	75	32400
3	2.88	1.125	75	32400
4	2.88	1.125	75	32400
5	2.88	1.125	75	32400
TOTAL GEOLOGICAL RESOUCE (cu.m)				<b>172800</b>

Leaving aside the safety berms and barriers, and taking into account the rate of replenishment, the mineable reserves are estimated as below

Year	Total Area (ha)	Thickness (m)	Replenishment	Mineable
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			Rate (%)	Resource (cu.m)
1	1.7845	1.5	100	26767.5
2	1.7845	1.125	75	20075.625
3	1.7845	1.125	75	20075.625
4	1.7845	1.125	75	20075.625
5	1.7845	1.125	75	20075.625
TOTAL MINEABLE RESERVE (cu.m)				<b>107070</b>

- The PP has uploaded pre-feasibility report for the proposed project.
- The PP has uploaded non-cluster certificate from the competent authority. **The sand block does not form a cluster with any adjacent sand block.**
- The PP has submitted an undertaking regarding need-based EMP.
- The PP has informed that there is no court case pending against the project.
- The PP has submitted the requisite EC processing fees as required under Notification No 924/T-II-1/021/2022 dated 23.05.2022 issued by Department of Environment, Government of West Bengal.

#### ***Chronology of Events***

- The PP applied in prescribed format for Environmental Clearance and uploaded the application in the PARIVESH portal on 19.07.2023.
- The PP was called for the EC presentation in the 10<sup>th</sup> meeting SEAC, WB held on 02.08.2023.
- During presentation, the PP requested for voluntary withdrawal of the present proposal. Considering the request of the PP, the SEAC recommends that the PP should submit their withdrawal proposal in the portal. Accordingly, the PP shall intimate through "PARIVESH" portal.
- The project proponent uploaded their withdrawal proposal in PARIVESH Portal on 14.09.2023, which was considered in the 15<sup>th</sup> meeting SEAC, WB (2023-2026) held on 20.09.2023.

#### ***SEAC Observations and Recommendations:***

- Based on the request made by the PP, the committee recommended withdrawal of the present proposal by the PP.

**Table-1 : List of the projects which were placed before the SEAC, WB (2023-2026) in the fifteenth meeting held on 20.09.2023 and the Summary Decisions thereof:**

Sl. No.	Name of the unit and Project address	Summary Decision
1.	Cases for Technical Presentation	
1.1)	Terms of Reference	
1.1.1)	Industry Sector	

Sl. No.	Name of the unit and Project address	Summary Decision
I.	M/s. Sharp Ferro Alloys Limited. Proposed installation of Hot & Cold Rolling Mill Plant at Plot No.220 (Full), 221 (P) & 222 (P), Nachan Road, Mouza-Kamalpur, J.L No. 47, P.S & P.O.-Durgapur, District-Paschim Bardhaman, West Bengal, West Bengal. (Proposal No.: SIA/WB/IND1/443169/2023)	Additional Details Sought
1.2) Terms of Reference		
1.2.1) Mining of Minerals		
I.	M/s. West Bengal Mineral Development & Trading Corporation Limited Proposed Binpur - I Sand Mine (MIN_JH_08) over an area of 36.58 ha (90.39 Acres) on the Kangshabati River at Mouza: Dihikalyanpur, Plot No. 1, 97, 98, 75, J.L. No.: 742 & Mouza - Kadam Khundi, Plot No. 261(P), 285(P), J.L. No. 816, Block - Binpur-I, P.S. – Lalgah, Dist. – Jhargram, West Bengal. (Proposal No. SIA/WB/MIN/440249/2023)	Recommended for Terms of Reference
II.	M/s. West Bengal Mineral Development & Trading Corporation Limited Proposed Binpur - 1 Sand Mine (MIN_JH_09) over an area of 32.60 ha (80.56 Acre) on Kangshabati River at Mouza: Boropolashi, Plot No. 727(P), J.L. No.: 903, Mouza - Chhotorokhidanga, Plot No. 1(P), J.L. No.: 905, Mouza - Bandbodhoni; Plot No. 1704(P), 1397(P), 1705(P), J.L. No.: 906, Block - Binpur-I, P.S. – Lalgah; Dist. – Jhargram, West Bengal. (Proposal No. SIA/WB/MIN/440254/2023)	Rejected.
III.	M/s. West Bengal Mineral Development & Trading Corporation Limited Proposed MIN_BNK_55_A Sand Mine over an area of 15.00 ha (37.065 Acres) on the Darakeswar River at J.L. No.: 55, Mouza: Bhagalpur, Plot No.: 1366, 1367, 1426, J.L. No.: 61, Mouza: Hati, Plot No.: 3, 4, 61, 62, 63, 80, 81, 83, 84, P.S.: Kotulpur, J.L. No.: 103, Mouza: Behar, Plot No.: 963, 2473, 2455, 2456, 1036, 1037, 2340, 2362, J.L. No.: 104, Mouza: Parikhapara, Plot No.: 996, 999, 1001, 1009, 1008, P.S.: Indas, District: Bankura, West Bengal. (Proposal No. SIA/WB/MIN/443172/2023)	Recommended for Terms of Reference
2. Consideration of Terms of Reference (Extension of Validity/ Amendment / Corrigendum)		
2.1) Industry Sector		
I.	M/s. Shyam Metalics Flat Product Pvt. Ltd Amendment in Terms of Reference for the proposed Cold Rolling Mills Complex (CRMC) at Village – Dhasal, PO – Bahadurpur P.S Jamuria, District – Paschim Bardhaman, West Bengal. (Proposal No. SIA/WB/IND/303797/2023)	Recommended for amendment of Terms of Reference
3. Consideration of Environmental Clearance (Extension of Validity / Amendment / Corrigendum)		
3.1) Industry Sector		
I.	M/s. Ultra Tech Cement Ltd. Extension of Validity of Environmental Clearance for proposed expansion of Cement Grinding Unit from 1.8 MTPA	Recommended for extension of validity of Environmental Clearance



Sl. No.	Name of the unit and Project address	Summary Decision
	to 4.0 MTPA at EPIP, Muchipara Durgapur, P.O. - Rajbandh, P.S. - Kanksa, Dist - Paschim Bardhaman, West Bengal. (Proposal No. SIA/WB/IND/304049/2023)	
4. Consideration of Environmental Clearance (Extension of Validity / Amendment / Corrigendum)		
4.1) Mining of Minerals		
II.	M/s. West Bengal Mineral Development & Trading Corporation Limited Amendment in Environmental Clearance for Kashipur Sand Mine (MIN_PUR_20) over an area of (2.18 ha/5.38 Acres) on Dwarakeswar River at Village - Dejori, Shyambathan & Jagannathdih, Mouza – Dejori, Shyambathan & Jagannathdih, J. L. No. – 125, 126 & 134, Plot No. 609, 775 & 2 and 1042, Block – Kashipur, Police Station – Kashipur, District – Purulia, West Bengal. (Proposal No. SIA/WB/MIN/304075/2023)	Recommended for amendment of Environmental Clearance
5. Reconsideration Proposals		
5.1) Terms of Reference		
5.1.1) Mining of Minerals sector		
I.	M/s. West Bengal Mineral Development & Trading Corporation Limited Proposed Datan - I Sand Mine (MIN_WMED_19) over an area of 7.98 ha (19.719 Acres) on the Subarnarekha River at Mouza– Ramgiri Gobindachak & Sonakoniya, JL. No. – 173 & 175, P.S.– Dantan, Dist.–Paschim Medinipur, West Bengal. (Proposal No. SIA/WB/MIN/440647/2023)	Recommended for Terms of Reference
II.	M/s. West Bengal Mineral Development & Trading Corporation Limited Proposed Datan - I Sand Mine (MIN_WMED_18) over an area of 26.77 ha (66.150 Acres) on the Subarnarekha River at Mouza – Dakshin Amdiha & Kotepada JL. No.– 26 & 27 Plot No – 575(P) & 499 (P) P.S. –Dantan, Dist. – Paschim Medinipur, West Bengal. (Proposal No. SIA/WB/MIN/440638/2023)	Recommended for Terms of Reference
III.	M/s. West Bengal Mineral Development & Trading Corporation Limited Proposed Matigara Sand Mine (MIN_DJ_03) over an area of 28.25 ha (69.81 Acres) on the Balason River at Mouza: - Gouri & Dumriguri Chhat, Plot No. - 54, 55, 56, 57, 65, J.L. No. - 60 & 63, P. S. - Matigara, District: - Darjeeling, West Bengal. (Proposal No. SIA/WB/MIN/436449/2023)	Recommended for Terms of Reference
5.2) Environmental Clearance		
5.2.1) Mining of Minerals Sector		
I.	M/s. West Bengal Mineral Development & Trading Corporation Limited Proposed Baghmundi Riverbed Sand Mine (MIN_PUR_6) over an area of 2.88 ha (7.116 Acres) on the Subarnarekha River at Mouza - Marcha, Plot No. - 805 & 922, J. L. No. - 15, P.S. - Baghmundi, District - Purulia, West Bengal. (Proposal No.: SIA/WB/MIN/437063/2023)	Recommended for withdrawal of EC application.

There being no other agenda the Chair thanked the members present for their fruitful participation and deliberations. The meeting ended with a vote of thanks to the Chair.

Sd/-

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(Prof. (Dr.) Anirban Gupta)  
Chairman

State Expert Appraisal Committee, West Bengal

Sd/-

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(Dr. Pradip Kumar Sikdar)  
Member

State Expert Appraisal Committee, West Bengal

Sd/-

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(Prof. (Dr.) Indranath Sinha)  
Member

State Expert Appraisal Committee, West Bengal

Sd/-

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(Prof. (Dr.) Suchandra Bardhan)  
Member

State Expert Appraisal Committee, West Bengal

Sd/-

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(Prof. (Dr.) Aniruddha Mukhopadhyay)  
Member

State Expert Appraisal Committee, West Bengal

Sd/-

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(Shri Shubhendu Bandyopadhyay)  
Member

State Expert Appraisal Committee, West Bengal

Sd/-

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(Prof. (Dr.) Sampa Chakraborty)  
Member

State Expert Appraisal Committee, West Bengal

Sd/-

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(Dr. Rajesh Kumar, IPS)  
Secretary

State Expert Appraisal Committee, West Bengal

## ANNEXURE-1

**UNDERTAKING for Industrial projects**  
**(To be done on Non-Judicial Stamp Paper of valuation Rs.10/- and duly notarized)**

I, son of \_\_\_\_\_ (Father's Name) \_\_\_\_\_, resident of \_\_\_\_\_ (Address) \_\_\_\_\_ presently working as \_\_\_\_\_ (Designation) \_\_\_\_\_ of M/s. \_\_\_\_\_ (Organization Name) \_\_\_\_\_ am an authorized person of the above named organization, do hereby solemnly declare and state as follows :

1) THAT M/s. \_\_\_\_\_ are the project proponent in respect of the \_\_\_\_\_ (Project Name) \_\_\_\_\_.

2. THAT M/s. \_\_\_\_\_ has already started the proposed expansion activity consisting of \_\_\_\_\_ at \_\_\_\_\_.

3. THAT in terms of EIA Notification 2006 and amendments thereof, our project falls within the purview of environment clearance.

4. THAT M/s. \_\_\_\_\_ has failed to get prior environmental clearance as per statutory provisions of EIA Notification due to the reasons mentioned below: (please mentioned the reasons) –

- i.
- ii.
- iii.
- iv.

5. THAT M/s. \_\_\_\_\_ has submitted the application form for obtaining necessary Environmental Clearance as per Govt. of India Notification No.S.O.804(E) dated 14.03.2017, S.O.1030(E) dated 08.03.2018 and Office Memorandum issued by the Ministry of Environment, Forest & Climate Change, dated 15.03.2018, 16.03.2018, 09.09.2019 and Standard Operating Procedure (SoP) issued by MoEF&CC vide its OM dated 07.07.2021 which was upheld by hon'ble Supreme Court vide its order dated 09.12.2021.

6. Now I, on behalf of the Project Proponent undertake the followings :-

- a) To comply with all statutory requirements/norms, for obtaining Environmental Clearance;
- b) To take all necessary permissions/licences/clearances from the concerned Government Departments and to submit compliance before the State Level Appraisal Committee, West Bengal;
- c) To take all measures for the protection of the environment as may be prescribed by the Central Government or the State Government from time to time at the expenses of the project proponent.

7. THAT the project proponent also undertakes not to repeat such violation in future, in case of violation, the ToR/EC shall be liable to be terminated.

The above-mentioned statements are true to the best of my knowledge and belief.

DEPONENT